

Replaced
By
Article 19

What is claimed is:

1. A method of preventing contamination of a canvas for pressing a paper strip against the surface of drum-dryers used for drying the paper strip in a paper machine, whereby a predetermined amount of a surface treatment agent is continuously supplied to the surface of the canvas, facing the paper strip, in a stage of operation prior to the paper strip being pressed into contact with the canvas as well as the drum-dryers, while the paper strip is being fed by operation of the paper machine.
2. A method of preventing contamination of the canvas according to Claim 1, wherein the surface treatment agent contains a silicon oil.
3. A method of preventing contamination of the canvas according to Claim 1, wherein a silicon oil emulsified with a surfactant is used for the surface treatment agent.
4. A method of preventing contamination of the canvas according to Claim 2 or Claim 3, wherein the surface treatment agent is diluted with water before being put to use.
5. A method of preventing contamination of the canvas according to Claim 2 or Claim 3, wherein the surface treatment agent diluted with water heated to a temperature in the range of 50 to 80°C immediately before spraying is put to use.
6. A method of preventing contamination of a canvas for pressing a paper strip against the surface of drum-dryers used for drying the paper strip in a paper machine, whereby a silicone oil is continuously supplied at a spray rate of 0.1 to 200 mg / m² per min to the surface of the canvas, facing the paper strip, in a stage of operation prior to the paper strip being pressed into contact with the canvas as well as the drum-dryers, while the paper strip is being fed by operation of the paper machine.
7. A method of preventing contamination of a canvas for pressing a paper strip against the surface of drum-dryers used for drying the paper strip in a paper machine, whereby a predetermined amount of a surface treatment agent is continuously supplied to the surface of canvas rolls for guiding the canvas, in a stage of operation prior to the paper strip being pressed into contact with the canvas as well as the drum-dryers, while the paper strip is

being fed by operation of the paper machine.

8. A method of preventing contamination of the canvas according to Claim 7, wherein the surface treatment agent contains a silicon oil.

9. A method of preventing contamination of the canvas according to Claim 7, wherein a silicon oil emulsified with a surfactant is used for the surface treatment agent.

10. A method of preventing contamination of the canvas according to Claim 8 or Claim 9, wherein the surface treatment agent is diluted with water before being put to use.

11. A method of preventing contamination of a canvas for pressing a paper strip against the surface of drum-dryers used for drying the paper strip in a paper machine, whereby a silicone oil is continuously supplied at a spray rate of 0.1 to 200 mg / m² per min to the surface of canvas rolls for guiding the canvas, in a stage of operation prior to the paper strip being pressed into contact with the canvas as well as the drum-dryers, while the paper strip is being fed by operation of the paper machine.

12. A method of preventing contamination of a canvas for pressing a paper strip against the surface of drum-dryers used for drying the paper strip in a paper machine, said method comprising the following steps 1) to 4) :

1) the silicone oil supply step for supplying a silicone oil to the surface of the canvas;

2) the silicone oil permeation and adhesion step for causing the silicone oil to permeate through the canvas and adhere to the surface thereof under heat and pressure;

3) the silicone oil transfer step for pressing a paper strip against the canvas, causing the silicone oil to be transferred to the paper strip; and

4) the silicone oil replenishment step for replenishing the silicone oil depleted after transferred from the canvas.

13. A method of preventing contamination of a canvas for pressing a paper strip against the surface of drum-dryers used for drying the paper strip in a paper machine, said method comprising the following steps 1) to 5) :

1) the silicone oil supply step for supplying a silicone oil to the surface of an out-roll;

2) the silicone oil shifting step for shifting the silicone oil from the surface of the out-roll to the canvas;

3) the silicone oil permeation and adhesion step for causing the silicone oil to permeate through the canvas and adhere to the surface thereof under heat and pressure;

4) the silicone oil transfer step for pressing a paper strip against the canvas, causing the silicone oil to be transferred to the paper strip; and

5) the silicone oil replenishment step for replenishing the silicone oil depleted after transferred from the canvas.